

TOROS ÜNİVERSİTESİ

Faculty Of Fine Arts, Design And Architecture
Architecture

Course Information

ECOLOGICAL DESIGN					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
ARC372	Spring	3	0	3	3

Prerequisites and co-requisites	
Language of instruction	Turkish
Type	Required
Level of Course	Bachelor's
Lecturer	
Mode of Delivery	Face to Face
Suggested Subject	
Professional practise (internship)	None
Objectives of the Course	The course has an importance in its aim that will convey a different paradigm to new generations, a preliminary accumulation as an ecological design approach that is different from traditional design idea, it is an exceptional design philosophy nowadays.
Contents of the Course	Focusing at basicly technical elements and waste materials management, reusing, regaining the materials and designing a new product concerning all these aspects.

Learning Outcomes of Course

#	Learning Outcomes
1	
2	Waste = concept of input, design and production with raw materials of new products, ie nutrients, which can be repaired before they become garbage.
3	Know the scope of sustainable design
4	Contributing to the city in terms of sustainability

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	The introduction of course and the problems of environment	Expression
2	The main definitions, concepts, concerning the environment and sustainability.	Expression
3	Why Ecological Design? The concept of ecological design from the cradle to cradle.	Expression
4	The Analysis of Life cycle (or) and carbon (ecological) footprint. The submission of semesters' homework (A product design project and its production)	Expression
5	The point of view for materials in terms of ecological design and the expected specialities of materials.	Expression
6	The materials based on the biological and technical origins.	Expression
7	Midterm exam	Midterm exam
8	The management of waste materials, classification of waste materials / discussions of designs	Expression
9	Reusing of materials / Discussion of Designs	Expression
10	Recycling	Expression

11	Recycling by conserving	Expression
12	Recycling by conserving	Expression
13	Discussion of Products	Expression
14	Discussion of Products	Expression
15	Discussion of Products	Expression
16	Final Exam	Final Exam

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	web		

Method of Assessment

#	Weight	Work Type	Work Title
1	40%	Mid-Term Exam	Mid-Term Exam
2	60%	Final Exam	Final Exam

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1		11	1,2
2	Waste = concept of input, design and production with raw materials of new products, ie nutrients, which can be repaired before they become garbage.	11	1,2
3	Know the scope of sustainable design	11	1,2
4	Contributing to the city in terms of sustainability	11	1,2

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	3	42
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	1	14
3	Presentation and Seminar Preparation	0	0	0
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	0	0	0
7	Preparation for Midterm Exam	1	2	2
8	Midterm Exam	0	0	0
9	Quiz	0	0	0
10	Homework	2	15	30
11	Midterm Project	0	0	0
12	Midterm Exercise	0	0	0
13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	0	0	0
16	Final Exam	1	2	2

